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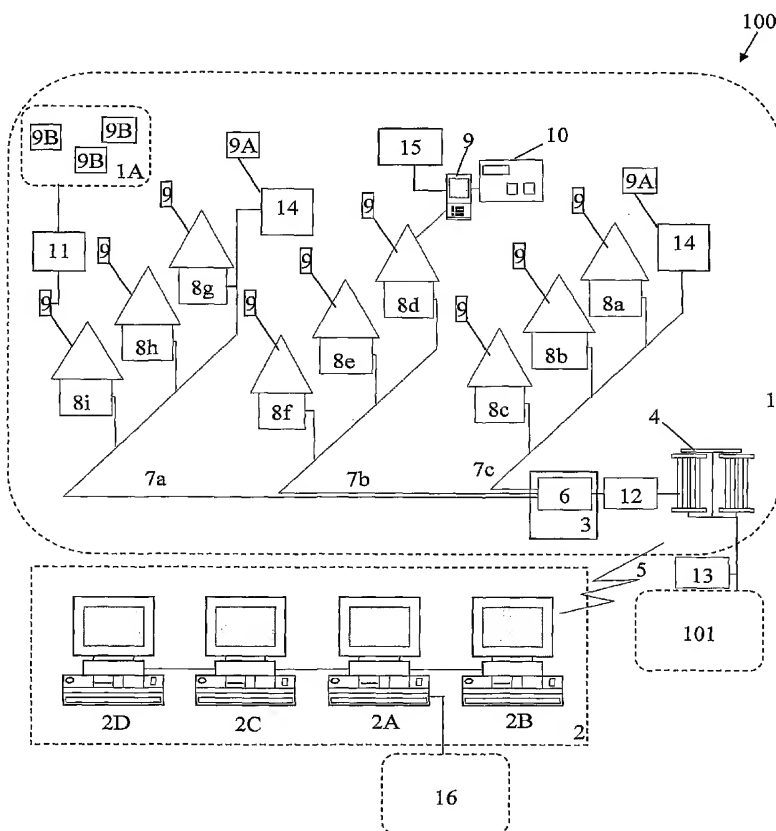
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(54) Title: A POWER LINE COMMUNICATION SYSTEM AND AN INTELLIGENT METER



(57) Abstract: A power line communication system (100) including a plurality of intelligent devices (9) in communication with a power line and operable to monitor energy usage at a site and communicate usage data onto the power line, and a controller (3) also in communication with the power line, wherein each intelligent device (9) maintains a routing table identifying a first set of other intelligent devices (9) downstream of it relative to the controller (3) that it can communicate with directly and identifying a second set of other intelligent devices (9) downstream of it relative to the controller (3) that it can communicate with through one or more of the first set of other intelligent devices (9).



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